

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Lars Severinsson
Serial No. 10/	Filing Date: December 1, 2003
Title of Application:	A Planetary Gear Unit

Mail Stop Non-Fee Amendment
 Commissioner for Patents
 Post Office Box 1450
 Alexandria, VA 22313-1450

Preliminary Amendment

Applicant herewith presents its amendment and remarks. Please amend the claims and abstract as detailed below.

In the Claims

1. (Currently Amended) A planetary gear unit (7) in an electrically operated brake for reducing the rotational speed from a drive shaft (4) of an electric motor (3) to an outgoing rotating means (26), which transmits a brake applying rotational movement to the brake, comprising

a first planet wheel (19) between a sun wheel gearing (18) on an ingoing first shaft (16) and a first internal gearing (20) in a housing (15) of the unit (7),

a crank arm (21), on which the first planet wheel (19) is rotationally arranged and which is rigidly connected to a second shaft (22) coaxial with the first shaft,

at least one second planet wheel (24) between a second sun wheel gearing (23) on the second shaft (22) and a second internal gearing (25) in the housing (15) of the unit (7), and

an outgoing gear (26), which is coaxial with the first and second shafts (16, 22) and to which the at least one second planet wheel (24) is rotatably connected, characterized in that the first and second shafts (16, 22) are journaled in relation to each other by means of a radial bearing (16') and in that the outgoing gear (26) is journaled on the second shaft (22) by means of radial bearings (26').